



Lenovo 4XB7A17075 internal solid state drive 240 GB 2.5" Serial ATA III 3D TLC NAND

Brand : Lenovo

Product code: 4XB7A17075

Product name : 4XB7A17075

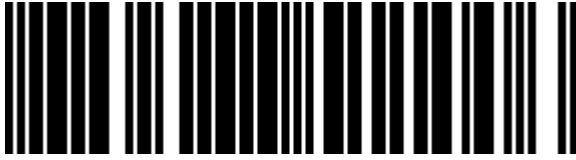
ThinkSystem 2.5" 5300 240GB Entry SATA 6Gb Hot Swap SSD

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The 5300 Entry SATA solid-state drives (SSDs) are new SSDs for ThinkSystem servers. The drives use Micron 96-layer 3D NAND flash memory technology with a SATA 6Gbps interface and provide an affordable solution for read-intensive applications such as boot, web servers, lower data rate operational databases and analytics.

This product guide provides essential presales information to understand the 5300 Entry SSD offerings, their key features and specifications, components and options, and configuration guidelines. This guide is intended for technical specialists, sales specialists, sales engineers, IT architects, and other IT professionals who want to learn more about the SSDs and consider their use in IT solutions. Lenovo 4XB7A17075. SSD capacity: 240 GB, SSD form factor: 2.5", Read speed: 540 MB/s, Write speed: 310 MB/s, Data transfer rate: 6 Gbit/s, Component for: Server/workstation

Features		Features	
Security algorithms	256-bit AES	Mean time between failures (MTBF)	3000000 h
SSD capacity *	240 GB	Power	
SSD form factor *	2.5"	Power consumption (read)	2.5 W
Interface *	Serial ATA III	Power consumption (write)	3 W
NVMe *	✗	Weight & dimensions	
Memory type *	3D TLC NAND	Weight	70 g
Component for *	Server/workstation	Operational conditions	
Hardware encryption *	✓	Operating temperature (T-T)	0 - 70 °C
Data transfer rate	6 Gbit/s	Storage temperature (T-T)	-40 - 85 °C
Read speed	540 MB/s	Operating relative humidity (H-H)	5 - 95%
Write speed	310 MB/s	Vibration resistance	3.13 G
Random read (4KB)	67 IOPS	Other features	
Random write (4KB)	40 IOPS	Compliance certificates	RoHS
Read latency	175 µs	Logistics data	
Write latency	300 µs	Harmonized System (HS) code	84717070
Hot-swap	✓		



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